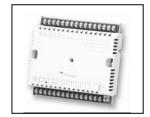# Excel 10™ Remote Input/Output Device

Honeywell

Easily expand your building management system with Honeywell's Remote Input/Output (RIO) Device. From small buildings to numerous sites, the Excel 10™ RIO extends your ability to control applications and building operations regardless of the installation location.

Advanced Controllers For Specific Applications

Whether you oversee a small establishment or are the physical plant manager for multiple commercial facilities, Honeywell's Remote Input/Output (RIO) Device is an easy way to extend your building management system. The Remote Input/Output Device extends the distribution of input and output devices across your LONWORKS® network.

Each physical output on the RIO is individually available for reading and commanding points over the LONWORKS network.

THE OPEN SYSTEM ADVANTAGE

The RIO Device uses the LONTALK® communication protocol. Each input and output on the RIO Device is defined as a LONMARK® standard sensor or actuator object which allows interoperability with third party LONMARK Devices.

INSTALLATION FLEXIBILITY

Extended operating temperature rating (-40º to +150º F) ensures worry-free operation even in extreme hot or cold environments, regardless of the installation site.

FLEXIBLE, REMOTE APPLICATIONS

When networked, the RIO Device provides generic I/O points over the LONWORKS network which can be used for such control applications as lighting and sensor averaging.

Choose a remote mounting site or outside conditioned space for connection of ancillary points, or mount directly in the control panel of a rooftop air handling unit. Flame-retarding material even allows plenum mounting.

EXCEL 10™ REMOTE INPUT/OUTPUT DEVICE HIGHLIGHTS

Excel 10™ RIO Devices are part of the Light Commercial Building Solution (LCBS) and are supported by the LONSTATION™ front-end. This flexibility provides easy-to-use building control with a LONWORKS network. Because they use the LONTALK communications protocol, the controllers fit perfectly in Honeywell's worldwide architecture and interoperate with third-party LONMARK-compliant devices.

The Excel 10 RIO Device is just one of many devices in the Excel 10 Family of smart application specific controllers.

APPLICATIONS SUPPORTED

- Floating (Series 60 control)
- Pulse-width modulation
- Remote connection of various actuators

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